(i) a C_{1-12} alkyl, straight-chain or branched-chain, optionally mono- or polysubstituted by -OH, -SH, $-NH_2$, $-NHC_{1-6}$ alkyl, $-N(C_{1-6}$ alkyl$)_2$, $-NHC_{6-14}$ aryl, $-N(C_{6-14}$ aryl$)_2$, $-N(C_{1-6}$ alkyl$)(C_{6-14}$ aryl), $-NHCOR^6$, $-NO_2$, -CN, -F, -Cl, -Br, -I, $-O-C_{1-6}$ alkyl, $-O-C_{6-14}$ aryl, $-O(CO)R^6$, $-S-C_{1-6}$ alkyl, $-S-C_{6-14}$ aryl, $-SOR^6$, $-SO_3H$, $-SO_2R^6$, $-OSO_2C_{1-6}$ alkyl, $-OSO_2C_{6-14}$ aryl, $-(CS)R^6$, -COOH, $-(CO)R^6$, mono-, bi- or tricyclic saturated or mono- or polyunsaturated carbocycles having from 3 to 14 ring members, mono-, bi- or tricyclic saturated or mono- or polyunsaturated heterocycles having from 5 to 15 ring members and from 1 to 6 heteroatoms, which are suitably N, O and S, where the C_{6-4} aryl groups and the included carbocyclic and heterocyclic substituents can optionally be mono- or polysubstituted by R^4,

(ii) $-C_{2-12}$ alkenyl, mono- or polyunsaturated, straight-chain or branched-chain, optionally mono- or polysubstituted by -OH, -SH, $-NH_2$, $-NHC_{1-6}$ alkyl, $-N(C_{1-6}$ alkyl$)_2$, $-NHC_{6-14}$ aryl, $-N(C_{6-14}$ aryl$)_2$, $-N(C_{1-6}$ alkyl$)(C_{6-14}$ aryl), $-NHCOR^6$, $-NO_2$, -CN, -F, -Cl, -Br, -I, $-O-C_{1-6}$ alkyl, $-O-C_{6-14}$ aryl, $-O(CO)R^6$, $-S-C_{1-6}$ alkyl, $-S-C_{6-14}$ aryl, $-SOR^6$, -SO3H, $-SO_2R^6$, $-OSO_2C_{1-6}$ alkyl, $-OSO_2C_{6-14}$ aryl, $-(CS)R^6$, -COOH, $-(CO)R^6$, mono-, bi- or tricyclic saturated or mono- or polyunsaturated carbocycles having from 3 to 14 ring members, mono-, bi- or tricyclic saturated or mono- or polyunsaturated heterocycles having from 5 to 15 ring members and from 1 to 6 heteroatoms, which are suitably N, O and S, where the C_{6-14} aryl groups and the included carbocyclic and heterocyclic substituents for their part can optionally be mono- or polysubstituted by R^4,

B1

(iii) mono-, bi- or tricyclic saturated or mono- or polyunsaturated carbocycles having from 3 to 14 ring members,

optionally mono- or polysubstituted by -OH, -SH, $-NH_2$, $-NHC_{1-6}$ alkyl, $-N(C_{1-6}$ alkyl$)_2$, $-NHC_{6-14}$ aryl, $-N(C_{6-14}$ aryl$)_2$, $-N(C_{1-6}$ alkyl$)(C_{6-14}$ aryl), $-NHCOR^6$, $-NO_2$, -CN, -F, -Cl, -Br, -I, $-O-C_{1-6}$ alkyl, $-O-C_{6-14}$ aryl, $-O(CO)R^6$, $-S-C_{1-6}$ alkyl, $-S-C_{6-14}$ aryl, $-SOR^6$, $-SO_3H$, $-SO_2R^6$, $-OSO_2C_{1-6}$ alkyl, $-OSO_2C_{6-14}$ aryl, $-(CS)R^6$, -COOH, $-(CO)R^6$, mono-, bi- or tricyclic saturated or mono- or polyunsaturated carbocycles having from 3 to 14 ring members, mono-, bi- or tricyclic saturated or mono- or polyunsaturated heterocycles having from 5 to 15 ring members and from 1 to 6 heteroatoms, which are suitably N, O and S, where the C_{6-14} aryl groups and the included carbocyclic and heterocyclic substituents can optionally be mono- or polysubstituted by R^4,

(iv) mono-, bi- or tricyclic saturated or mono- or polyunsaturated heterocycles having from 5 to 15 ring members and from 1 to 6 heteroatoms, which are suitably N, O and S, optionally mono- or polysubstituted by -OH, -SH, $-NH_2$, $-NHC_{1-6}$ alkyl, $-N(C_{1-6}$ alkyl$)_2$, $-NHC_{6-14}$ aryl, $-N(C_{6-14}$ aryl$)_2$, $-N(C_{1-6}$ alkyl$)(C_{6-14}$ aryl), $-NHCOR^6$, $-NO_2$, -CN, -F, -Cl, -Br, -I, $-O-C_{1-6}$ alkyl, $-O-C_{6-14}$ aryl, $-O(CO)R^6$, $-S-C_{1-6}$ alkyl, $-S-C_{6-14}$ aryl, $-SOR^6$, $-SO_3H$, $-SO_2R^6$, $-OSO_2C_{1-6}$ alkyl, $-OSO_2C_{6-14}$ aryl, $-(CS)R^6$, -COOH, $-(CO)R^6$, mono-, bi- or tricyclic saturated or mono- or polyunsaturated carbocycles having from 3 to 14 ring members, mono-, bi- or tricyclic saturated or mono- or polyunsaturated heterocycles having from 5 to 15 ring members and from 1 to 6 heteroatoms, which are suitably N, O and S, where the C_{6-14} aryl groups and the included carbocyclic and heterocyclic substituents for their part can be optionally mono- or polysubstituted by R^4, -carbo- or heterocyclic saturated or mono- or polyunsaturated spirocycles having from 3 to 10 ring members, where heterocyclic systems contains from 1 to 6 heteroatoms, which are suitably N, O and S, optionally mono- or polysubstituted by -OH, -SH, $-NH_2$, $-NHC_{1-6}$ alkyl, $-N(C_{1-6}$ alkyl$)_2$, $-NHC_{6-14}$ aryl, $-N(C_{6-14}$ aryl$)_2$, $-N(C_{1-6}$ alkyl$)(C_{6-14}$ aryl), $-NHCOR^6$, $-NO_2$, -CN, -F, -Cl, -Br, -I, $-O-C_{1-6}$ alkyl, $-O-C_{6-14}$ aryl, $-O(CO)R^6$, $-S-C_{1-6}$ alkyl, $-S-C_{6-14}$, aryl, $-SOR^6$, -SO3H, $-SO_2R^6$, $-OSO_2C_{1-6}$ alkyl, $-OSO_2C_{6-14}$ aryl, $-(CS)R^6$, -COOH, $-(CO)R^6$, mono-, bi- or tricyclic saturated or mono- or polyunsaturated carbocycles having from 3 to 14 ring members, mono-, bi- or tricyclic saturated or mono- or polyunsaturated heterocycles having from 5 to 15 ring members and from 1 to 6 heteroatoms, which are suitably N, O and S, where the C_{6-14} aryl groups and the included carbocyclic and heterocyclic substituents can optionally be mono- or polysubstituted by R^4,

B1

R^2, R^3 are hydrogen or -OH, where at least one of the two substituents must

be -OH;

R^4 is -H, -OH, -SH, $-NH_2$, $-NHC_{1-6}$ alkyl, $-N(C_{1-6}$ alkyl$)_2$, $-NHC_{6-14}$ aryl, $-N(C_{6-14}$ aryl$)_2$, $-N(C_{1-6}$ alkyl$)(C_{6-14}$ aryl), $-NHCOR^6$, $-NO_2$, -CN, -COOH, $-(CO)R^6$, $-(CS)R^6$, -F, -Cl, -Br, -I, $-O-C_{1-6}$ alkyl, $-O-C_{6-14}$ aryl, $-O(CO)R^6$, $-S-C_{1-6}$ alkyl, $-S-C_{6-14}$, aryl, $-SOR^6$, $-SO_2R^6$.

R^6 is -H, $-NH_2$, $-NHC_{1-6}$ alkyl, $-N(C_{1-6}$ alkyl$)_2$, $-NHC_{6-14}$ aryl, $-N(C_{6-14}$, aryl$)_2$, $-N(C_{1-6}$ alkyl$)(C_{6-14}$ aryl) $-O-C_{1-6}$ alkyl, $-O-C_{6-14}$ aryl, $-S-C_{1-6}$ alkyl, $-S-C_{6-14}$ aryl, $-C_{1-12}$ alkyl, straight-chain or

branched-chain, -C_{2-12} alkenyl, mono- or polyunsaturated, straight-chain or branched-chain, -mono-, bi- or tricyclic saturated or mono- or polyunsaturated carbocycles having from 3 to 14 ring members, -mono-, bi- or tricyclic saturated or mono- or polyunsaturated heterocycles having from 5 to 15 ring members and from 1 to 6 heteroatoms, which are suitably N, O and S;

A is either a bond, or -$CH2)_m$- , -$(CH2)_m$-$(CH=CH)_n$-$(CH_2)_p$-, -$(CHOZ)_m$- , -(C=O)-, -(C=S)-, -(C=N-Z)-, -O-, -S-, -NZ-, where m and p are cardinal numbers from 0 to 3 and n is a cardinal number from 0 to 2,

Z is H, or a C_{1-12} alkyl, straight-chain or branched-chain, C_{2-12} alkenyl, mono- or polyunsaturated, straight-chain or branched-chain, mono-, bi- or tricyclic saturated or mono- or polyunsaturated carbocycles having from 3 to 14 ring members, mono-, bi- or tricyclic saturated or mono- or polyunsaturated heterocycles having from 5 to 15 ring members and from 1 to 6 heteroatoms, which are suitably N, O and S;

B1

B is either carbon or sulfur, or -(S=O)-;

D is oxygen, sulfur, CH_2 or N-Z, where D can only be S or CH_2 if B is carbon;

E is a bond, or $(CH2)_m$-, -O-, -S-, -(N-Z)-, where m and Z have the same meanings as above; wherein

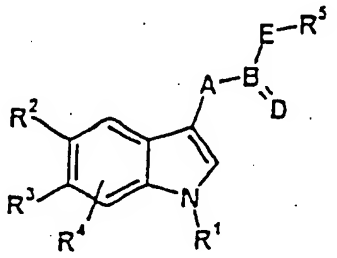
R^5 is pyridyl which may be optionally mono or polyunsubstituted which method comprises converting a compound of claim 1 wherein R_1 or R^3, or R^2 and R^3 is -O-R^7 in which R^7 is a leaving group.

22. The process of claim 21, wherein said leaving group is alkyl, cycloalkyl, arylalkyl, aryl, heteroaryl, acyl, alkoxycarbonyl, aryloxycarbonyl, aminocarbonyl, N-substituted aminocarbonyl, silyl or sulfonyl residue or a complexing agent.

23. The process of claim 22, wherein said complexing agent is a compound of boric acid or phosphoric acid, or a compound containing a covalently bonded metal.

24. The process of claim 23, wherein said metal is zinc, aluminum, or copper.

25. A process for preparing a compounds of Formula 1



(1)

and their pharmaceutically acceptable salts, wherein R^1, R^5 are independently of each other

(i) a C_{1-12} alkyl, straight-chain or branched-chain, optionally mono- or polysubstituted by -OH, -SH, $-NH_2$, $-NHC_{1-6}$ alkyl, $-N(C_{1-6}$ alkyl$)_2$, $-NHC_{6-14}$ aryl, $-N(C_{6-14}$ aryl$)_2$, $-N(C_{1-6}$ alkyl$)(C_{6-14}$ aryl), $-NHCOR^6$, $-NO_2$, -CN, -F, -Cl, -Br, -I, $-O-C_{1-6}$ alkyl, $-O-C_{6-14}$ aryl, $-O(CO)R^6$, $-S-C_{1-6}$ alkyl, $-S-C_{6-14}$ aryl, $-SOR^6$, $-SO_3H$, $-SO_2R^6$, $-OSO_2C_{1-6}$ alkyl, $-OSO_2C_{6-14}$ aryl, $-(CS)R^6$, -COOH, $-(CO)R^6$, mono-, bi- or tricyclic saturated or mono- or polyunsaturated carbocycles having from 3 to 14 ring members, mono-, bi- or tricyclic saturated or mono- or polyunsaturated heterocycles having from 5 to 15 ring members and from 1 to 6 heteroatoms, which are suitably N, O and S, where the C_{6-4} aryl groups and the included carbocyclic and heterocyclic substituents can optionally be mono- or polysubstituted by R^4,

(ii) $-C_{2-12}$ alkenyl, mono- or polyunsaturated, straight-chain or branched-chain, optionally mono- or polysubstituted by -OH, -SH, $-NH_2$, $-NHC_{1-6}$ alkyl, $-N(C_{1-6}$ alkyl$)_2$, $-NHC_{6-14}$ aryl, $-N(C_{6-14}$ aryl$)_2$, $-N(C_{1-6}$ alkyl$)(C_{6-14}$ aryl), $-NHCOR^6$, $-NO_2$, -CN, -F, -Cl, -Br, -I, $-O-C_{1-6}$ alkyl, $-O-C_{6-14}$ aryl, $-O(CO)R^6$, $-S-C_{1-6}$ alkyl, $-S-C_{6-14}$ aryl, $-SOR^6$, -SO3H, $-SO_2R^6$, $-OSO_2C_{1-6}$ alkyl, $-OSO_2C_{6-14}$ aryl, $-(CS)R^6$, -COOH, $-(CO)R^6$, mono-, bi- or tricyclic saturated or mono- or polyunsaturated carbocycles having from 3 to 14 ring members, mono-, bi- or tricyclic saturated or mono- or polyunsaturated heterocycles having from 5 to 15 ring members and from 1 to 6 heteroatoms, which are suitably N, O and S, where the C_{6-14} aryl groups and the included

carbocyclic and heterocyclic substituents for their part can optionally be mono- or polysubstituted by R^4,

(iii) mono-, bi- or tricyclic saturated or mono- or polyunsaturated carbocycles having from 3 to 14 ring members,

optionally mono- or polysubstituted by -OH, -SH, $-NH_2$, $-NHC_{1-6}$ alkyl, $-N(C_{1-6}$ alkyl$)_2$, $-NHC_{6-14}$ aryl, $-N(C_{6-14}$ aryl$)_2$, $-N(C_{1-6}$ alkyl$)(C_{6-14}$ aryl), $-NHCOR^6$, $-NO_2$, -CN, -F, -Cl, -Br, -I, $-O-C_{1-6}$ alkyl, $-O-C_{6-14}$ aryl, $-O(CO)R^6$, $-S-C_{1-6}$ alkyl, $-S-C_{6-14}$ aryl, $-SOR^6$, $-SO_3H$, $-SO_2R^6$, $-OSO_2C_{1-6}$ alkyl, $-OSO_2C_{6-14}$ aryl, $-(CS)R^6$, -COOH, $-(CO)R^6$, mono-, bi- or tricyclic saturated or mono- or polyunsaturated carbocycles having from 3 to 14 ring members, mono-, bi- or tricyclic saturated or mono- or polyunsaturated heterocycles having from 5 to 15 ring members and from 1 to 6 heteroatoms, which are suitably N, O and S, where the C_{6-14} aryl groups and the included carbocyclic and heterocyclic substituents can optionally be mono- or polysubstituted by R^4,

B1

(iv) mono-, bi- or tricyclic saturated or mono- or polyunsaturated heterocycles having from 5 to 15 ring members and from 1 to 6 heteroatoms, which are suitably N, O and S, optionally mono- or polysubstituted by -OH, -SH, $-NH_2$, $-NHC_{1-6}$ alkyl, $-N(C_{1-6}$ alkyl$)_2$, $-NHC_{6-14}$ aryl, $-N(C_{6-14}$ aryl$)_2$, $-N(C_{1-6}$ alkyl$)(C_{6-14}$ aryl), $-NHCOR^6$, $-NO_2$, -CN, -F, -Cl, -Br, -I, $-O-C_{1-6}$ alkyl, $-O-C_{6-14}$ aryl, $-O(CO)R^6$, $-S-C_{1-6}$ alkyl, $-S-C_{6-14}$ aryl, $-SOR^6$, $-SO_3H$, $-SO_2R^6$, $-OSO_2C_{1-6}$ alkyl, $-OSO_2C_{6-14}$ aryl, $-(CS)R^6$, -COOH, $-(CO)R^6$, mono-, bi- or tricyclic saturated or mono- or polyunsaturated carbocycles having from 3 to 14 ring members, mono-, bi- or tricyclic saturated or mono- or polyunsaturated heterocycles having from 5 to 15 ring members and from 1 to 6 heteroatoms, which are suitably N, O and S, where the C_{6-14} aryl groups and the included carbocyclic and heterocyclic substituents for their part can be optionally mono- or polysubstituted by R^4, -carbo- or heterocyclic saturated or mono- or polyunsaturated spirocycles having from 3 to 10 ring members, where heterocyclic systems contains from 1 to 6 heteroatoms, which are suitably N, O and S, optionally mono- or polysubstituted by -OH, -SH, $-NH_2$, $-NHC_{1-6}$ alkyl, $-N(C_{1-6}$ alkyl$)_2$, $-NHC_{6-14}$ aryl, $-N(C_{6-14}$ aryl$)_2$, $-N(C_{1-6}$ alkyl$)(C_{6-14}$ aryl), $-NHCOR^6$, $-NO_2$, -CN, -F, -Cl, -Br, -I, $-O-C_{1-6}$ alkyl, $-O-C_{6-14}$ aryl, $-O(CO)R^6$, $-S-C_{1-6}$ alkyl, $-S-C_{6-14}$, aryl, $-SOR^6$, -SO3H, $-SO_2R^6$, $-OSO_2C_{1-6}$ alkyl, $-OSO_2C_{6-14}$ aryl, $-(CS)R^6$, -COOH, $-(CO)R^6$, mono-, bi- or tricyclic saturated or mono- or polyunsaturated carbocycles having from 3 to 14 ring members,

mono-, bi- or tricyclic saturated or mono- or polyunsaturated heterocycles having from 5 to 15 ring members and from 1 to 6 heteroatoms, which are suitably N, O and S, where the C_{6-14} aryl groups and the included carbocyclic and heterocyclic substituents can optionally be mono- or polysubstituted by R^4,

R^2, R^3 are hydrogen or -OH, where at least one of the two substituents must

be -OH;

R^4 is -H, -OH, -SH, $-NH_2$, $-NHC_{1-6}$ alkyl, $-N(C_{1-6}$ alkyl$)_2$, $-NHC_{6-14}$ aryl, $-N(C_{6-14}$ aryl$)_2$, $-N(C_{1-6}$ alkyl$)(C_{6-14}$ aryl), $-NHCOR^6$, $-NO_2$, -CN, -COOH, $-(CO)R^6$, $-(CS)R^6$, -F, -Cl, -Br, -I, $-O-C_{1-6}$ alkyl, $-O-C_{6-14}$ aryl, $-O(CO)R^6$, $-S-C_{1-6}$ alkyl, $-S-C_{6-14}$, aryl, $-SOR^6$, $-SO_2R^6$.

R^6 is -H, $-NH_2$, $-NHC_{1-6}$ alkyl, $-N(C_{1-6}$ alkyl$)_2$, $-NHC_{6-14}$ aryl, $-N(C_{6-14}$, aryl$)_2$, $-N(C_{1-6}$ alkyl$)(C_{6-14}$ aryl) $-O-C_{1-6}$ alkyl, $-O-C_{6-14}$ aryl, $-S-C_{1-6}$ alkyl, $-S-C_{6-14}$ aryl, $-C_{1-12}$ alkyl, straight-chain or branched-chain, $-C_{2-12}$ alkenyl, mono- or polyunsaturated, straight-chain or branched-chain, -mono-, bi- or tricyclic saturated or mono- or polyunsaturated carbocycles having from 3 to 14 ring members, -mono-, bi- or tricyclic saturated or mono- or polyunsaturated heterocycles having from 5 to 15 ring members and from 1 to 6 heteroatoms, which are suitably N, O and S;

A is either a bond, or $-CH2)_m-$, $-(CH2)_m-(CH=CH)_n-(CH_2)_p-$, $-(CHOZ)_m-$, -(C=O)-, -(C=S)-, -(C=N-Z)-, -O-, -S-, -NZ-, where m and p are cardinal numbers from 0 to 3 and n is a cardinal number from 0 to 2,

Z is H, or a C_{1-12} alkyl, straight-chain or branched-chain, C_{2-12} alkenyl, mono- or polyunsaturated, straight-chain or branched-chain, mono-, bi- or tricyclic saturated or mono- or polyunsaturated carbocycles having from 3 to 14 ring members, mono-, bi- or tricyclic saturated or mono- or polyunsaturated heterocycles having from 5 to 15 ring members and from 1 to 6 heteroatoms, which are suitably N, O and S;